wherein the first positioning arrangement and the second positioning arrangement are configured to interact with each other in a positive-locking manner and to provide definite positioning of the bristle housing so as to prevent relative rotation and incorrect mounting of the bristle housing.

6. (Twice Amended) A brush seal for sealing a rotor with respect to a stator, comprising:

a bristle housing configured to be arranged on a first one of the rotor and the stator, the bristle housing including a cover plate, a supporting plate, a circumferential surface and two side surfaces;

bristles fastened in the bristle housing, the bristles including free ends oriented toward a second one of the rotor and the stator;

a first positioning arrangement provided on at least one of the circumferential surface and at least one side surface; and

a second positioning arrangement provided on one of the rotor, the stator and a fastening element;

wherein the first positioning arrangement and the second positioning arrangement are configured to interact with each other in a positive-locking manner and to provide definite positioning of the bristle housing so as to prevent relative rotation and incorrect mounting of the bristle housing, and wherein the first positioning arrangement includes at least one spot weld that projects beyond the circumferential surface, the second positioning arrangement including a recess formed in one of the stator and the rotor, the at least one spot weld being engageable in the recess.

9. (Twice Amended) A brush seal for sealing a rotor with respect to a stator, comprising:

a bristle housing configured to be arranged on a first one of the rotor and the stator, the bristle housing including a cover plate, a supporting plate, a circumferential surface and two side surfaces;

bristles fastened in the bristle housing, the bristles including free ends oriented toward a second one of the rotor and the stator;

a first positioning arrangement provided on at least one of the circumferential surface and at least one side surface; and